

Translation

PATENT COOPERATION TREATY

PCT/FR2003/002146



PCT

Rec'd PCT/PTO

10 JAN 2005

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| | | |
|--|---|--|
| Applicant's or agent's file reference JSL/BI/54894PCT | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) | |
| International application No. PCT/FR2003/002146 | International filing date (day/month/year) 09 juillet 2003 (09.07.2003) | Priority date (day/month/year) 10 juillet 2002 (10.07.2002) |
| International Patent Classification (IPC) or national classification and IPC A47J 27/21 | | |
| Applicant SEB SA | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

| | |
|--|--|
| Date of submission of the demand 05 février 2004 (05.02.2004) | Date of completion of this report 04 November 2004 (04.11.2004) |
| Name and mailing address of the IPEA/EP | Authorized officer |
| Facsimile No. | Telephone No. |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR2003/002146

I. Basis of the report

1. This report has been drawn on the basis of *(Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.)*:

☐ the international application as originally filed.

☒ the description, pages 1-17, as originally filed,
pages _____, filed with the demand,
pages _____, filed with the letter of _____,
pages _____, filed with the letter of _____.

☒ the claims, Nos. _____, as originally filed,
Nos. _____, as amended under Article 19,
Nos. _____, filed with the demand,
Nos. 1-17, filed with the letter of 27 July 2004 (27.07.2004),
Nos. _____, filed with the letter of _____.

☐ the drawings, sheets/fig 1/4-4/4, as originally filed,
sheets/fig _____, filed with the demand,
sheets/fig _____, filed with the letter of _____,
sheets/fig _____, filed with the letter of _____.

2. The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/fig _____

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

4. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|------|-----|
| Novelty (N) | Claims | 1-17 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1-17 | YES |
| | Claims | | NO |
| Industrial applicability (IA) | Claims | 1-17 | YES |
| | Claims | | NO |

2. Citations and explanations

1. Reference is made to the following documents:

D1: GB-A-2 299 497 (D H HADEN PLC) 9 October 1996
(1996-10-09);

D2: EP-A-0 895 742 (SEB SA) 10 February 1999
(1999-02-10).

2. Document D1, which is considered to be the prior art closest to the subject matter of claim 1, describes (the references between parentheses apply to said document):

an electric kettle including a power supply base
(20) comprising:

- electrical connection means (24) suitable for connection to an external electrical source,
- and a manual control button (34-36) movable between an inoperative position and an operative position,

as well as a container (10) removable from said power supply base and comprising:

- a vessel (10) suitable for containing a liquid to be heated,
- an electrical heating device (40) suitable for heating the liquid in said vessel, and
- complementary electrical connection means (19) engageable with said electrical connection means when said container is placed on said power supply base, and suitable for supplying electrical power to said heating device.

It follows that the subject matter of claim 1 differs from this known kettle in that:

- the container includes control means which are suitable for cutting off the electrical power supply to said electrical heating device and include a switch movable between an open position and a closed position; and
- said kettle includes transmission means suitable for moving said switch from the open position to the closed position thereof when said container is positioned on said base and the manual control button is moved from the inoperative position to the operative position thereof.

2.1 The subject matter of claim 1 is, therefore, novel (PCT Article 33(2)).

The problem that the present invention is intended to solve can therefore be considered to be that of providing a kettle in which the manual control button is easily accessible and does not adversely affect the appearance of the container.

- 2.2 The solution to this problem, as proposed in claim 1 of the present application, is considered to involve an inventive step (PCT Article 33(3)) because the known kettles of this kind do not describe or suggest providing such a switch in the container.
3. Claims 2-17 are dependent on claim 1 and therefore also fulfil, as such, the PCT requirements of novelty and inventive step.

A. CLASSEMENT DE L'OBJET DE LA DEMANDE

CIB 7 A47J27/21

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Selon la classification internationale des brevets (CIB) ou à la fois selon la classification nationale et la CIB

B. DOMAINES SUR LESQUELS LA RECHERCHE A PORTE

Documentation minimale consultée (système de classification suivi des symboles de classement)

CIB 7 A47J

Documentation consultée autre que la documentation minimale dans la mesure où ces documents relèvent des domaines sur lesquels a porté la recherche

Base de données électronique consultée au cours de la recherche internationale (nom de la base de données, et si réalisable, termes de recherche utilisés)

EPO-Internal

C. DOCUMENTS CONSIDERES COMME PERTINENTS

| Catégorie * | Identification des documents cités, avec, le cas échéant, l'indication des passages pertinents | no. des revendications visées |
|-------------|--|-------------------------------|
| X | GB 2 299 497 A (D H HADEN PLC) 9 octobre 1996 (1996-10-09) page 6, ligne 15 -page 12, ligne 19; figures 1,2,7,8 | 1,2,9-11 |
| A | --- | 3,12 |
| A | EP 0 895 742 A (SEB SA) 10 février 1999 (1999-02-10) colonne 2, ligne 29 -colonne 4, ligne 24; figures 1,2 | 1 |

☐ Voir la suite du cadre C pour la fin de la liste des documents☒ Les documents de familles de brevets sont indiqués en annexe

* Catégories spéciales de documents cités:

- *A* document définissant l'état général de la technique, non considéré comme particulièrement pertinent
- *E* document antérieur, mais publié à la date de dépôt international ou après cette date
- *L* document pouvant jeter un doute sur une revendication de priorité ou cité pour déterminer la date de publication d'une autre citation ou pour une raison spéciale (telle qu'indiquée)
- *O* document se référant à une divulgation orale, à un usage, à une exposition ou tous autres moyens
- *P* document publié avant la date de dépôt international, mais postérieurement à la date de priorité revendiquée

- *T* document ultérieur publié après la date de dépôt international ou la date de priorité et n'appartenant pas à l'état de la technique pertinent, mais cité pour comprendre le principe ou la théorie constituant la base de l'invention
- *X* document particulièrement pertinent; l'invention revendiquée ne peut être considérée comme nouvelle ou comme impliquant une activité inventive par rapport au document considéré isolément
- *Y* document particulièrement pertinent; l'invention revendiquée ne peut être considérée comme impliquant une activité inventive lorsque le document est associé à un ou plusieurs autres documents de même nature, cette combinaison étant évidente pour une personne du métier
- *Z* document qui fait partie de la même famille de brevets

Date à laquelle la recherche internationale a été effectivement achevée

7 janvier 2004

Date d'expédition du présent rapport de recherche internationale

15/01/2004

Nom et adresse postale de l'administration chargée de la recherche internationale

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Fonctionnaire autorisé

Lehe, J

RAPPORT DE RECHERCHE INTERNATIONALE

Renseignements relatifs aux membres de familles de brevets

Demande internationale No

PCT/FR 03/02146

| Document brevet cité au rapport de recherche | Date de publication | Membre(s) de la famille de brevet(s) | Date de publication |
|---|------------------------|---|------------------------|
| GB 2299497 A | 09-10-1996 | GB 2320671 A , B | 01-07-1998 |
| | | GB 2320672 A , B | 01-07-1998 |
| EP 0895742 A | 10-02-1999 | FR 2766977 A1 | 05-02-1999 |
| | | DE 69813409 D1 | 22-05-2003 |
| | | EP 0895742 A1 | 10-02-1999 |